Relative Abundance

APPROVED O.G. FIG.

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SEKSEEINEKDLRKKSELQGTALGNLKQIYYYNSKAITSSEKSADQFLTN SEQ ID NO: 2 1-50 51-100 TLLFKGFFTGHPWYNDLLVDLGSTAATSEYEGSSVDLYGAYYGYQCAGGT

101-150 PNKTACMYGGVTLHDNNRLTEEKKVPINLWIDGKQTTVPIDKVKTSKKEV

151-200 TVQELDLQARHYLHGKFGLYNSDSFGGKVQRGLIVFHSSEGSTVSYDLFD

201-233 AQGQYPDTLLRIYRDNTTISSTSLSISLYLYTT

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SUBCLASS APPROVED O.G. FIG. CLASS DRAFTSMAN β¥

--EKAKTENKESHDQF NPI**I**GANKSTGDQF SEQ ID NO: 3 SEAE18: SEKSEEINEKDLRKKSELQGTALGNLKQIYYYN---EKAITENKESDDQF EDLHDKSELTDLALANAYGQYNHPFIKENIKSDEISGEKDL SEKSEEINEKDLRKKSELQGTALGNLKQIYYYN ALHKKSEL**S**STALNNMKHSYADA SEA SEH SED SEQ ID NO: 5 SEQ ID NO: 6 SEQ ID NO: 4

LENTLL FKGF FTGH PWYNDLLVDLGSKDATNKYKGKKVDLYGAYYGYQCA --NDLRVKFATADLAQKFKNKNVDIYGASFYYKCE LOHTILFKGFFTDHSWYNDLLVDFDSKDIVDKYKGKKVDLYGAYYGYQCP LLINFNSAEMAQHFKSKNVDVYAIRYAAAC ENTLLYKAFF-FRNQGDSG SEAE18: SEA SEH SED

GGTPNKTACMYGGVTLHDNNRLTEEKKVPINLWIDGKQTTVPIDKVKTSK GGTPNKTACMYGGVTLHDNNRLTEEKKVPINLWLDGKQNTVPLETVKTNK --RTACTYGGVTPHAGNALKARKKIPINLWIIGVQKEVS**LDK**VQTDK KI<mark>SENISECLYGGTTLN</mark>-S**E**KLAQERVIGANVWVDGIQKETE SEAE18: SEA SEH SED

KEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQRGLIVFHSSEGSTVSYD KNVTVQELDLQARRYLQEKYNLYNSDVFDGKVQRGLIVFHTSTEPSVNYD -AIQRGKLEFDSAAASKVSYD --KDSEISKGLIEFDMKTPRDYSFD KNVTVQELDAQARRYLQKDLKLYN KNVTLQELDIKIRKILSDKYKIYY SEAE18: SEA SED SEH

LFDAQGQYPDTLLRIYRDNKTINSEN-LHIALYLYTT :FGAQGQYSNTLLRIYRDNKTINSENM-HIDIYLYT SEAE18: SEA

FDVAGDF**PE**KQLRIYSDNKTLSTEH-SED

YDLKGENDYEIDKIYEDNKTLKSDDI SEH

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APPROVED	O.G. FIG.	FIG.
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SEKSĘEINEKDLRKKSELOGTALGNIKOIYYYNSKAITSSEKSADOFLTNTLLFKGFFTG SEKSEEINEKDLRKKSELOGTALGNIKOIYYYNEKAITENKESDDOFLENTLFKGFFTG SEKSEEINEKDLRKKSELORNALSNIKOIYYYNEKAITENKESDDOFLENTLFKGFFTG

Ā	Ą	SEE	SEA
SEA/E-120	SEA/E-18		

SEA/E-18	SEKSEEINEKDIRKKSELOGTALGNLÄQIYYYNEKAITENKESDDOFLENTLIFKGFFTG 60	09
SEE	SEKSEEINEKDLRKKSELQRNALSNLKQIYYYNEKAITENKESDDQFLENTLLFKGFFTG 60	09
SEA	SEKSEEINEKDLRKKSELQGTALGNLĶQIYYYNEKAKTENKESHDQFLQHTILFKGFFTD 60	09
	******** *** *** *** * * * * * * * * * *	
	1 8 1 20 1 25 1 60 C 1 84 1	
SEA/E-120	HPWYNDLLVDLGSTAATSEYEGSSYDLYGAYYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120	120
SEA/E-18	HPWYNDLLVDLGSKDATNKYKGKKVDLYGAYYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120	120
SEE	HPWYNDLLVDLGSKDATNKYKGKKVDLYGAYYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120	120
SEA	HSWYNDLLVDFDSKDIVDKYKGKKVDLYGAYYGYQCAGGTPNKTACMYGGVTLHDNNRLT 120	120
	*************	

.20 EEKKVPINLWIDGKQTTVPIDKVKTSKKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 180	.8 EEKKVPINLWIDGKQTTVPIDKVKTSKKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 180	EEKKVPINLWIDGKQTTVPIDKVKTSKKEVTVQELDLQARHYLHGKFGLYNSDSFGGKVQ 180	EEKKVPINLWLDGKQNTVPLETVKTNKKNVTVQELDLQARRYLQEKYNLYNSDVFDGKVQ 180	**** * ***** ·* ·** ·** ********** ***
SEA/E-120	SEA/E-18	SEE	SEA	

SEA	EEKKVPINLWLDGKQNTVPLETVKTNKKNVTVQELDLQARRYLQEKYNLYNSDVFDGKVQ 18 ************************************	18
	E Q	
SEA/E-120	RGLIVFHSSEGSTVSYDLFDAQGQYPDTLLRIYRDNTTISSTSLSISLYLYTT 233	
SEA/E-18	RGLIVFHSSEGSTVSYDLFDAQGQYPDTLLRIYRDNKTINSENLHIALYLYTT 233	
SEE	RGLIVFHSSEGSTVSYDLFDAQGQYPDTLLRIYRDNKTINSENLHIDLYLYTT 233	
SEA	RGLIVFHTSTEPSVNYDLFGAQGQYSNTLLRIYRDNKTINSENMHIDIYLYTS 233	
	· * * * * * * * * * * * * * * * * * * *	

APPROVED O.G. FIG.

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FIG. 5

APPROVED O.G. FIG.	CLASS SUBCLASS	
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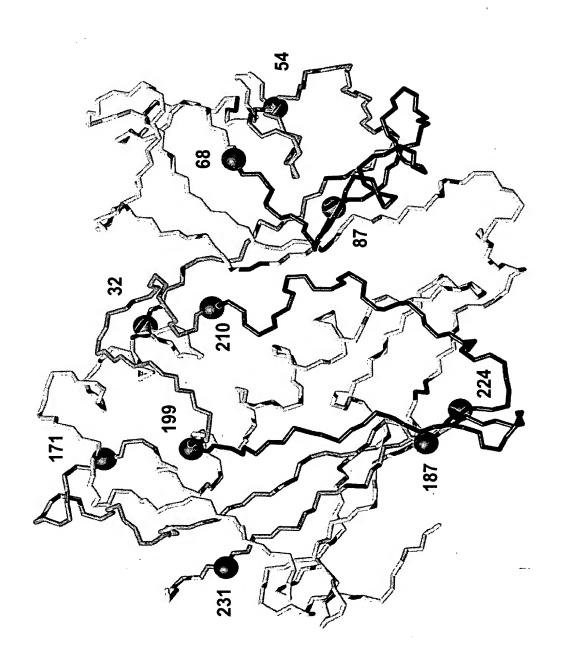
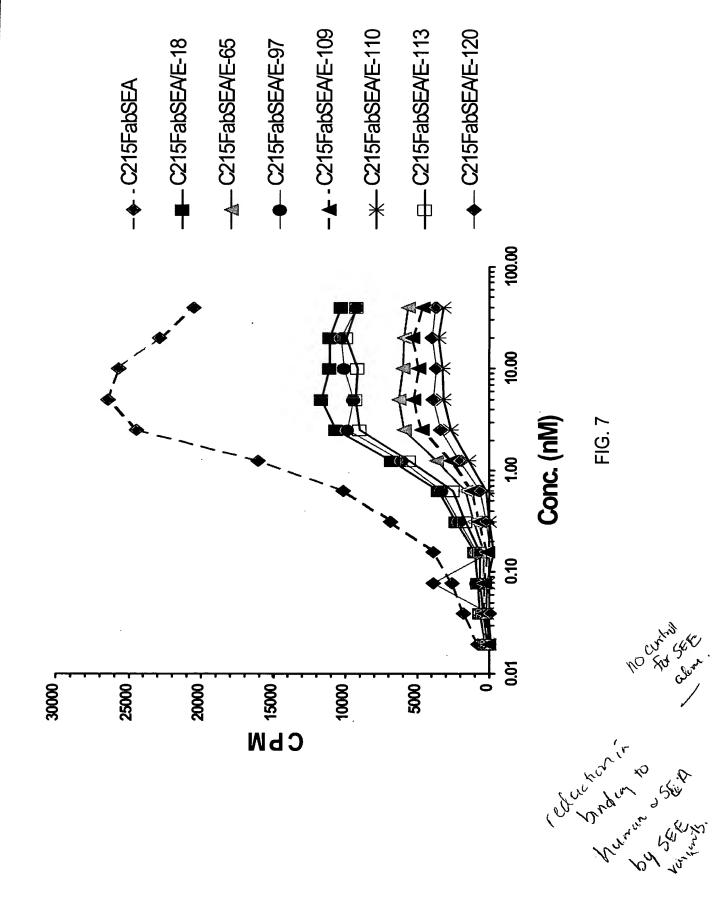
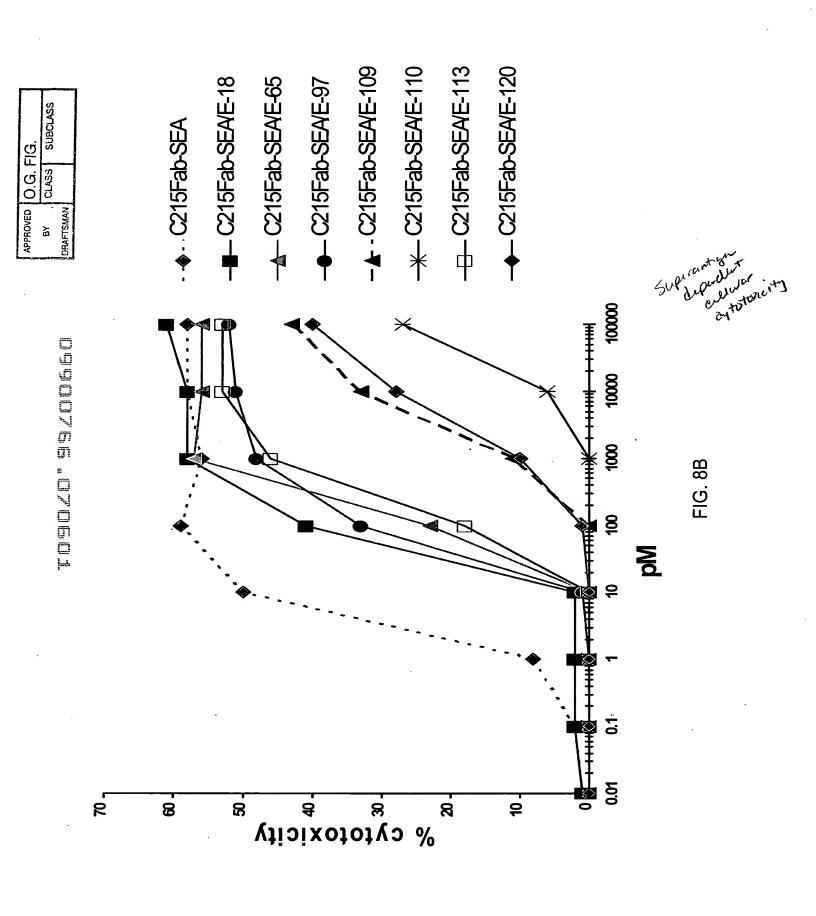


FIG. 6





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FIG. 9

## D9900766 D70601

APPROVED O.G. FIG.

BY CLASS SUBCLASS

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ΛΟΓĆ	a	2.7	
SI4 Variable QSGPD LVKPG	LVKPG	не	ASV

		5T4 V	5T4 Variable Heavy chain	Heavy	chain					
0:1 1-50	EVQLQ		QSGPD LVKPG ASVKI	ASVKI	SCKAS		GYSFT GYYMH WVKQS	WVKQS	PGKGL	EWIGR
51-100	INPNN	GVTLY	GVTLY NQKFK	DKATL	TVDKS	STTAY C2	STTAY MELRS LTSED SAVYY CAI  C242 Constant Heavy chain	LTSED stant He	SAVYY eavy ch	CARST ain
101-150	MITNY		VMDYW GQGTS	VTVSS	VTVSS AKTTP	PSVYP	PSVYP LAPGS AAQTN SMVTL	AAQTN	SMVTL	GCLVK
151-200	GYFPE	PVTVT	WNSGS	LSSGV	HTFPA	VLQSD	VLOSD LYTLS SSVTV PSSTW SEA/E-120	SSVTV	PSSTW 0	PSETV
201-250	TCNVA	TCNVA HPASS		KIVPR	DSGGP	TKVDK KIVPR DSGGP SEKSE		EINEK DLRKK SELQG	SELQG	TALGN
251-300	LKQIY	YYNSK	AITSS	EKSAD	QFLTN	TLLFK	GFFTG	HPWYN	DLLVD	LGSTA
301-350	ATSEY	EGSSV	DLYGA	YYGYQ	CAGGT	PNKTA	CMYGG	VTLHD	NNRLT	EEKKV
351-400	PINLW	IDGKQ	IDGKQ TTVPI DKVKT SKKEV TVQEL DLQAR HYLHG KFGLY	DKVKT	SKKEV	TVQEL	DLQAR	HYLHG	KFGLY	NSDSF
401-450	GGKVQ	RGLIV	FHSSE	GSTVS <b>5T4 V</b>	GSTVS YDLFD <b>5T4 Variable</b>	SSTVS YDLFD AQGQY PDTI	PDTLL <b>hain</b>	RIYRD	NTTIS	STSLS
451-500	ISLYL	ISLYL YTTSI VMTQT	VMTQT	PTSLL	VSAGD	RVTIT	PTSLL VSAGD RVTIT CKASQ	SVSND	SVSND VAWYQ	QKPGQ
501-550	SPKLL	ISYTS	SRYAG	VPDRF	SGSGY C24		GC GTDFT LTISS VOAED AAVYF C242 Constant Light chain	VQAED	AVYF	CQQDY
551-600	NSPPT	FGGGT	KLEIK RADAA	RADAA	PTVSI	FPPSS	EQLTS (	GGASV \	VCFLN N	NFYPK
601-650	DINVK	WKIDG	DINVK WKIDG SERON GVLNS WTDQD SKDST YSMSS TLTLT KDEYE RHNSY	GVLNS	WTDQD	SKDST	YSMSS	reter 1	KDEYE 1	RHNSY
651-672	TCEAT	TCEAT HKTST	SPIVK SFNRN	SFNRN	ES					

FIG. 10